

AMENDMENTS TO THE CLAIMS

This listing of claim will replace all prior versions and listings of claim in the application.

1. (currently amended) A method of managing facilities data, the method being executable by a host computer system comprising:

adding a first graphical element to an image displayed on a monitor of a first computer system;

displaying a graphical user interface on the monitor of the first computer system, wherein the graphical user interface is configured for receiving non-graphical information;

~~entering first non-graphical information data~~ a component specification comprising at least one non-graphical data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute into the graphical user interface;

~~the first computer system transmitting said non-graphical data element and said data element representing a non-physical and non-functional attribute first element data,~~ to a database for storage therein via internet communication, ~~the first element data represents the first graphical element;~~

~~the first computer system transmitting first non-graphical information data to the database for storage therein via internet communication, wherein the first non-graphical information data comprises a component specification including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute.~~

2. (original) The method of claim 1 wherein the first computer system comprises a CAD computer system and wherein the first graphical element comprises a first CAD graphical element.

3. (currently amended) The method of claim 1 wherein the graphical user interface comprises a plurality of fields, wherein the component specification comprises a plurality of non-graphical information components, and wherein entering the component specification into the graphical user interface comprises entering the plurality of non-graphical information components

into the plurality of fields, ~~respectively~~, of the graphical user interface.

4. (previously presented) The method of claim 1 further comprising:

the first computer system receiving, via internet communication, component specification list data, wherein specification list data represents a list of specifications displayable on the monitor of the first computer system, wherein each specification of the list represents a data unit stored in the database in data communication with the first computer system, wherein each data unit contains data representing non-graphical information;

the first computer system displaying the list of specifications;

adding a second graphical element to the image displayed on the monitor of the first computer system;

the first computer system transmitting second graphical element data to the database for storage therein via internet communication, wherein the second graphical element data represents the second graphical element;

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that one of the data units stored in the database is to be linked within the database to the second graphical element data after the second graphical element data is stored in the database.

5. (currently amended) A method of organizing and storing data comprising:

a first computer system receiving, via internet communication, specification list data, wherein specification list data represents at least list of one specification[[s]] displayable on a monitor of the first computer system, wherein said specification list data includes at least one non-graphical data element representing a non-physical and non-functional attribute, and at least one data element representing a non-physical and non-functional attribute, each specification of the list represents a data unit said specification list data stored in a database in internet communication with the first computer system, ~~wherein each data unit contains data representing non graphical information including at least one data element representing a physical or functional attribute, and at least one data element representing a non physical or non functional attribute;~~

the first computer system displaying the list of specifications;

the first computer system adding a graphical element to a computer input, the element an
~~image~~ displayed on the monitor of the first computer system;

the first computer system transmitting graphical element data to the database for storage therein via internet communication, wherein the graphical element data represents the graphical element;

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that said at least one of the data units specification represented by said specification list data stored in the database is to be linked within the database to the graphical element data after the graphical element data is stored in the database.

6. (currently amended) A method operating on a processor comprising:

a computer system receiving a first graphical element data via internet communication from a first computer system, wherein the first element data represents a first graphical element which is displayable on a monitor of the first computer system;

the computer system storing the first graphical element data into a database in data communication with the computer system;

the computer system receiving and storing within the database a first non-graphical data element representing a physical or functional attribute via internet communication from the first computer system;

creating a link within the database between the first graphical element data and ~~a~~ the first non-graphical data unit in the database ~~after the first graphical element data is stored in the database,~~ wherein the first non-graphical data unit stores first non-graphical information data.

7. (currently amended) The method of claim 6 further comprising:

the computer system transmitting the first graphical element data to a second computer system via internet communication;

the computer system transmitting the first non-graphical data unit to the second computer system via internet communication.

8. (currently amended) The method of claim 6 further comprising:

a computer system receiving second graphical element data via internet communication from a second computer system, wherein the second element data represents a second graphical element which is displayable on a monitor of the second computer system;

the computer system storing the second graphical element data into the database;

creating a link within the database between the second graphical element data and the first data unit after the second graphical element data is stored in the database.[[.]]

9. (original) The method of claim 6 further comprising the computer system sending, via internet communication, list data to the first computer system, wherein the list data represents a list of non-graphical data units in the database, wherein each non-graphical data unit stores non-graphical information data, wherein the list of non-graphical data units includes the first non-graphical data unit.

10. (original) The method of claim 6 further comprising:

the computer system receiving additional non-graphical information data from a second computer system via internet communication;

the computer system storing the additional non-graphical information data in the first non-graphical data unit.

11. (original) The method of claim 6 further comprising the computer system storing the first graphical element data in a first graphical data unit in the database, wherein the first graphical data unit stores additional graphical element data.

12. (original) The method of claim 6 wherein the first non-graphical information data represents information displayable in fields of an interface, wherein the interface is displayable on a monitor of the first computer system.

13. (original) The method of claim 6 wherein the first non-graphical data unit is linked within the database to a second non-graphical data unit in the database.

14. (currently amended) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming a processor to perform a[[A]] method comprising:

a computer system receiving first non-graphical information data at least one data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute via a network interface ~~internet communication from a first computer system; the first non-graphical information comprises a component specification including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute;~~

the computer system updating the storing the first non-graphical information in a first non-graphical data unit in a database, wherein said at least one data element representing a physical or a functional attribute is stored in the database. ~~the database is in data communication with the computer system, and wherein the first non-graphical information is linked within the database to first graphical element data stored in the database.~~

15. (currently amended) The method of claim 14[[12]] further comprising:

~~a computer system receiving first non-graphical information via internet communication from a first computer system, wherein the first non-graphical information data represents first non-graphical information;~~

~~the computer system storing the first non-graphical information in a first non-graphical data unit in a database, wherein the database is in data communication with the computer system, and wherein the first non-graphical data unit is linked~~ linking said at least one data element within the database to a first graphical element data stored in the database.

16. (currently amended) The method of claim [[6]] 12 further comprising the computer system transmitting data representing a first component specification to a second computer system

via internet communication, wherein data representing the first component specification comprises data representing non-graphical information, wherein the data representing the first component specification is transmitted after the database link is created.

17. (original) The method of claim 16 further comprising the computer system receiving modifying the non-graphical information displayed in the fields of the interface.

18. (currently amended) A method comprising:

a database receiving and storing first CAD element data generated by a first computer system in data communication with the database, wherein the first CAD element data represents a first CAD element displayable on a monitor;

a database receiving and storing, as a component specification, at least one data element representing a physical or function attribute, and at least one data element representing a non-physical and non-functional attribute;

creating a link in the database between the stored first CAD element data and one of a plurality of component specifications stored in the database, ~~wherein each of the plurality of component specifications comprises non-graphical descriptive data including a component specification having at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute.~~

19. (original) The method of claim 18 wherein the first computer system is coupled to the database via the Internet.

20. (currently amended) A memory storing instructions for instructing a processor to perform steps executable by a first computer system to enable a method, the method comprising:

a first computer system displaying a graphical user interface on a monitor of the first computer system, wherein the graphical user interface is configured for receiving non-graphical information;

adding a first graphical element to an image displayed on a monitor of the first computer

system;

~~adding a first graphical element to an image displayed on a monitor of the first computer system;~~

~~the first computer system displaying a graphical user interface on a monitor of the first computer system, wherein the graphical user interface is configured for receiving non graphical information;~~

~~entering first non-graphical information said at least one data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute into the graphical user interface, wherein said at least one data element representing a physical or functional attribute and at least one data element representing a non-physical and non-functional attribute are non-graphical data;~~

~~the first computer system transmitting first element data said non-graphical data to a database for storage therein via internet communication, wherein said non-graphical data describes the first element data represents the first graphical element;~~

~~the first computer system transmitting first non-graphical information data to the database for storage therein via internet communication, wherein the first non-graphical information comprises a component specification including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute.~~

21. (original) The memory of claim 20 wherein the first computer system comprises a CAD computer system and wherein the first graphical element comprises a first CAD graphical element.

22. (original) The memory of claim 20 wherein the graphical user interface comprises a plurality of fields, wherein the first non-graphical information comprises a plurality of non-graphical information components, and wherein entering first non-graphical information into the graphical user interface comprises the plurality of non-graphical information components into the plurality of fields, respectively, of the graphical user interface.

23. (previously presented) The memory of claim 20 wherein the method further comprises:

the first computer system receiving, via internet communication, specification list data, wherein specification list data represents a list of specifications displayable on the monitor of the first computer system, wherein each specification of the list represents a data unit stored in the database in data communication with the first computer system, wherein each data unit contains data representing non-graphical information including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical or non-functional attribute;

the first computer system displaying the list of specifications;

adding a second graphical element to the image displayed on the monitor of the first computer system;

the first computer system transmitting second graphical element data to the database for storage therein via internet communication, wherein the second graphical element data represents the second graphical element;

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that one of the data units stored in the database is to be linked within the database to the second graphical element data after the second graphical element data is stored in the database.

24. (currently amended) A memory for storing instructions executable by a first computer system to enable a method, the method comprising:

~~the a first computer system receiving, via internet communication, specification list data, wherein specification list data represents at least one list of specification[[s]] displayable on a monitor of the first computer system, wherein said specification list data contains at least one non-graphical data element representing a non-physical and non-functional attribute, and at least one data element representing a non-physical and non-functional attribute, each specification of the list represents a data unit said specification list data stored in a database in internet communication with the first computer system, wherein each data unit contains data representing non graphical~~

~~information including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical or non-functional attribute;~~

the first computer system displaying the list of specifications;

the first computer system adding a graphical element to a computer input, the element an
~~image~~ displayed on the monitor of the first computer system;

the first computer system transmitting graphical element data to the database for storage therein via internet communication, wherein the graphical element data represents the graphical element;

the first computer system transmitting link data to the database via internet communication, wherein the link data indicates that said at least one of the data units specification represented by said specification list data stored in the database is to be linked within the database to the graphical element data after the graphical element data is stored in the database.

25. (currently amended) A memory for storing instructions executable by a computer system to enable a method, the method comprising:

a computer system receiving a first graphical element data via internet communication from a first computer system, wherein the first element data represents a first graphical element which is displayable on a monitor of the first computer system;

the computer system storing the first graphical element data into a database in data communication with the computer system;

the computer system receiving and storing within the database a first non-graphical data element representing a physical or functional attribute via internet communication from the first computer system;

creating a link within the database between the first graphical element data and a first non-graphical data unit in the database after the first graphical element data is stored in the database, wherein the first non-graphical data unit stores first non-graphical information including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical or non-functional attribute.

26. (currently amended) A memory for storing instructions executable by a computer system to enable a method, the method comprising:

the database receiving and storing second CAD element data generated by a second computer system in data communication with the database, wherein the second CAD element data represents a second CAD element displayable on the monitor;

a database receiving and storing, as a component specification, at least one data element representing a physical or function attribute, and at least one data element representing a non-physical and non-functional attribute;

creating a link in the database between the stored second CAD element data and the one of the plurality of component specifications stored in the database. ~~each component specification comprising a component specification including at least one data element representing a physical or functional attribute, and at least one data element representing a non-physical and non-functional attribute.~~